

PATENT ABSTRACTS OF JAPAN

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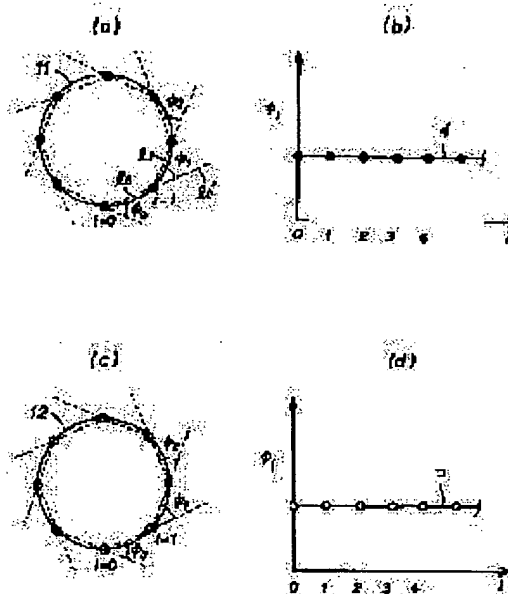
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(54) AREA RECOGNIZING METHOD

(57)Abstract:

PROBLEM TO BE SOLVED: To more simply, easily and speedily perform area recognition by correlating a curved line to be discriminated to express the function of distance along with a contour line from an origin to a base point with the respective reference curved lines of plural kinds of known areas set in advance.

SOLUTION: A curved line A to be discriminated is a curved line for which plural contour points are set on a contour line 11 of area to be discriminated, any adjacent contour points among these contour points are connected by a straight line, an angle ϕ_i ($i=0$) formed by that straight line and the reference straight lines respectively set based on common ruled while being extended from a contour point as the base point of straight line is defined as the function of distance along with the contour line from an origin 0 at any one of plural contour points to the contour point of base point, and this function is expressed. Besides, a reference curved line B is a curved line expressing a function corresponding to a reference area contour line 12 set in advance through a method similar to the curved line A to be discriminated. Then, by correlating the curved line A to be discriminated with the reference curved line B, it is discriminated whether the area of internal organ to be discriminated is matched with the reference area or not.



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